



## Gulf of Mexico Harmful Algal Bloom Bulletin

27 February 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: February 23, 2006

### Conditions Report

No impacts are expected in any Florida County this week. As of Monday February 27, 2006 bulletins will only be issued on Mondays due to current harmful algal inactivity. Twice weekly bulletins will resume when conditions warrant.

### Analysis

**\*\*Note:** As of February 27 bulletins will only be issued on Mondays due to current harmful algal inactivity. Twice weekly bulletins will resume when conditions warrant.

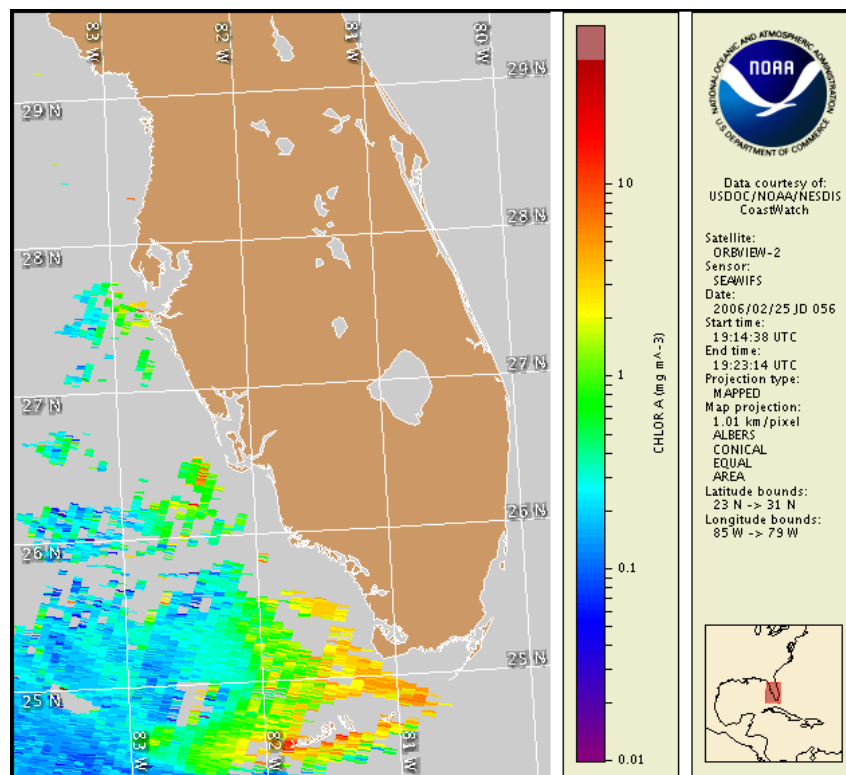
Recent satellite imagery is obscured by clouds. However, sampling results indicate none to background levels of *K. brevis* along SW Florida's coast (FWRI; 2/24). A background concentration was also found 20 to 28 miles west of Steinhatchee offshore of Dixie County (FWRI; 2/18). With variable winds throughout the week, minimal movement is expected.

No recent samples have been received for the Florida Keys. Imagery on Feb 24 indicates an elevated chlorophyll patch southeast of the Horse-shoe Keys at 81° 15' W 24° 45' N. Sampling is recommended. Easterly winds throughout the week may promote slight westerly transport.

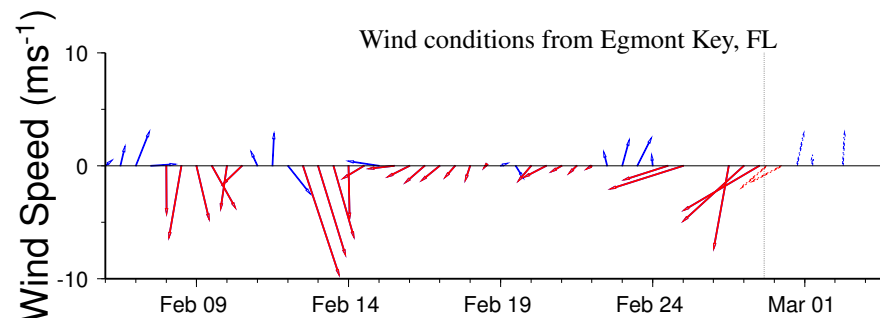
~ Keller, Fisher

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



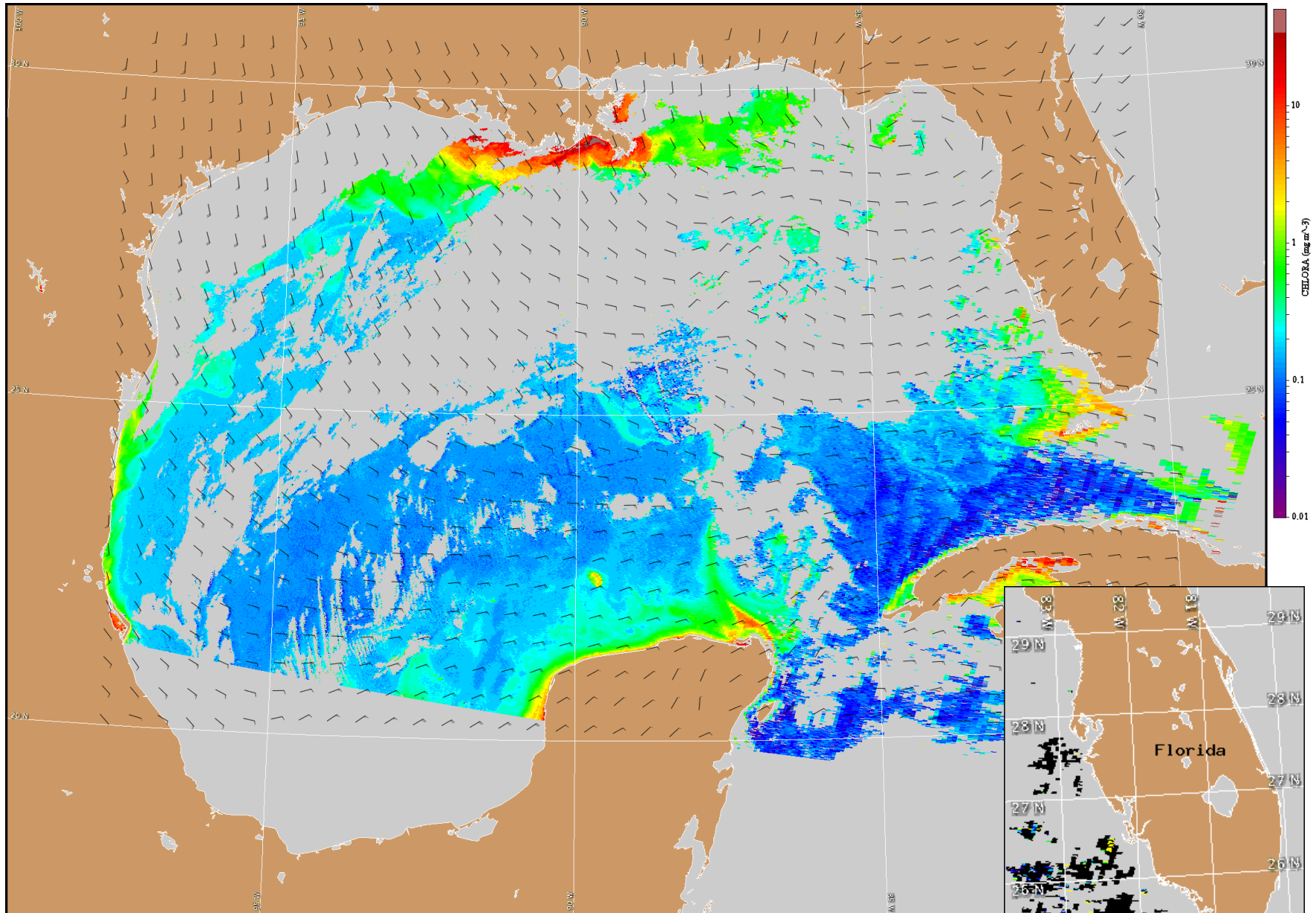
Satellite chlorophyll image with possible HAB areas shown by red polygon(s).



Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Northeast winds today (15 knots; 8 m/s). East winds tonight and tomorrow (10 knots; 5 m/s). Southeast winds Wednesday through Thursday (10 knots; 5 m/s). Variable winds on Friday (5-10 knots; 3-5 m/s).

Keys: Northeast to east winds today (20 knots; 10 m/s). East winds Tuesday through Wednesday (10-15 knots; 5-8 m/s). East to southeast winds Thursday through Friday (10 knots; 5 m/s).



Satellite chlorophyll image and forecast winds for February 28, 2006 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).

